

Rents, Commons rising sharply UAP election complete: Wallman/Moody elected

By Mike McNamee

Rents in MIT dormitories will be increased by almost 20 percent next year, with base rents ranging from about \$800 in Senior House to over \$1000 in MacGregor, according to student members of the Dormitory Rate Review Committee.

Student representatives on the committee told *The Tech* that the group will report sometime next week with final figures on housing and dining rates for 1974-75. The rates were "pretty well settled" prior to a meeting yesterday afternoon at which a final report was to be discussed, according to Assistant Dean for Student Affairs Ken Browning, a member of the Committee.

The increase in rents and Commons costs will be the largest in the history of the MIT dormitory system. Committee members said that energy costs, which have tripled in the past year, are responsible for the sharp increase. "Without the

energy costs soaring, the increase this year would be less than normal," Browning explained.

One innovation the committee is planning to introduce is a three-option voluntary Commons plan next year, according to Burton House representative Dave Bernstein '74. In addition to the 5-day, 15-meal Commons plan currently used, there would be a "One-Third" plan and a 7-day, 19-meal plan offered. The "One-Third" plan would allow a student to buy tickets for 25 breakfasts, 25 lunches, and 25 dinners from the Dining Service, which he could use throughout the term. The 19-meal plan would provide four meals on Saturday and Sunday, which would probably be served in Lobdell only.

Base rents and differentials

The rents are decided on a three-part system. A base rent is set for the cheapest dorms in the system, and a "quality differential" is added to this for each

dorm to determine the basic rent in the house. Charges for services which vary between the dorms, such as levels of desk service and maintenance, are then added to set the rates in each house.

Differentials were increased this year to make the rent differences in the houses more equitable, according to Jim Moody '75, the Baker House representative. With Senior House and Bexley at zero, the differentials are: Baker and East Campus \$50; Burton and McCormick \$200; and MacGregor \$220.

"I think the people on the committee are fairly happy with these differentials," Browning said. "They disagree, of course, with the expensive houses wanting smaller differentials and the cheaper ones wanting larger differences, but they've reached a pretty good compromise."

Browning said that he didn't expect "a mass exodus" from the housing system as a result of the increase. "We certainly won't have empty beds, with the overcrowding we expect for next year," he said. "But I'd really be surprised if many people moved out because of this."

Group involvement goal of 'community dialogue'

By Barb Moore

Although Thomas Edison invented the voting machine, Thomas Sheridan, Professor of Mechanical Engineering, can claim much of the credit for developing its extended social applications.

Sheridan, through the MIT Community Dialogue Project, has been working to increase interpersonal communication and participation in group meetings, by using a modified "voting machine."

The device developed by Sheridan involves simple electronic feedback and display equipment, connected to switches held by each member of the group. The group member sets a thumbwheel on his switch to one of ten positions, indicating his choice from the list of available responses to the statements, questions, or actions taking place at the meeting.

The response of each partici-

part is collected and stored by a special purpose minicomputer, and the number of people who voted for each response is then displayed on a large electronic board. These "votes" or responses can then be used by the group leader or moderator to direct the meeting in the interests of the majority of the group members.

As Sheridan stated, "This is not a substitute for natural dialogue, but is meant to stimulate conversation." He and several others working with him have conducted approximately 200 group meetings utilizing the device, ranging from church budget hearings to corporate business meetings. The results have been generally successful.

"It gives people a chance to speak up anonymously," according to Sheridan. "The anonymity tends to enhance free expression."

(Please turn to page 3)

Courses offer orientation

By Stephen Blatt

Every spring, as the time approaches for freshmen to choose their majors, various activities take place to help them make their decisions.

Departments seek to influence freshmen in many ways. Steak fries, open houses, film showings and mailbox stuffings mark this, the second largest "meat sale" of the academic year. Everything from undergraduate seminars and UROP through freshmen advisors and courses to nothing at all is used by the 19 departments at MIT which offer undergraduate degrees.

But the main thrust, according to various department heads, undergraduate chairmen, and other faculty members who

handle freshman orientations, is to "try to give freshmen some information so that they can make an educated decision." One professor said, "Our job is to get the information out."

Many departments hold open houses in the spring, featuring either faculty or student speakers and usually some form of refreshment (e.g. beer and potato chips). Faculty members stress that this is not the only way to find out what is going on in the department. "In a one-shot event, if you don't show up, you feel you can never get the information," according to Professor Bernard Gould of the Biology Department. "Our office is open all the time and people come in and talk."

"We have been doing things the entire academic year to inform freshmen what the Mechanical Engineering Department is and what career opportunities are," said Ascher Shapiro, head of the Mechanical Engineering Department.

Professor Eugene Covert of the Aeronautics and Astronautics Department commented that "orientations are never particularly productive."

However, most departments seem to feel that open houses are necessary. As Professor Leon Groisser, executive officer of the Department of Architecture stated, "Freshmen don't take the initiative to go to departments. Most students we see ask 'What subjects should I take?' They don't like to say 'What are you all about?' - but it is a perfectly reasonable thing to ask."

"Ongoing" forms of orientation and advertisement include the Undergraduate Seminar Program, UROP, freshmen advisors, and undergraduate courses. Many of the smaller departments offer many seminars and encourage faculty to participate.

Students who take a department's seminars often major in that department. The Department of Urban Studies and Planning, for example, gets one-half

that there was apparently no tampering with the ballots.

Last year's Undergraduate Association elections drew 1700 votes, 1000 more votes than this year's official balloting. The 1973 total was "unusually high," according to Shagoury, Secretary General of the UA, and he attributed the drop to a combination of factors. "There was possibly less campaigning, fewer candidates, and no strong drives," he said.

"Perhaps some people were disenchanted with the system," Shagoury added. The system, in this case, was a complicated series of identification checks in order to vote. When asked if many people were turned away by the arrangement, Shagoury said he believed most people who came to vote did so.

As of 5:00pm Thursday, Wallman and Moody became the official heads of the Undergraduate Association. Commenting on his immediate plans as UAP, Wallman said he hoped to overcome "the negative effects" of the election.

of their majors through seminars. Of course, the department heads acknowledge that many of the students who take seminars or ask for freshmen advisors in a department may already be interested in or have even decided upon the department as their major.

Undergraduate courses are also used as an information source. Courses taken by large numbers of freshmen offer the student the chance to see the subject in some detail. "By better understanding what you're getting into," said Professor Chathan Cooke of the Electrical Engineering Department, "you can make a better decision." Advertising *per se* in lectures is generally frowned upon as "not an appropriate use of lecture time," according to Professor Anthony French of the Physics Department.

Some departments have rearranged curricula to allow undergrads an easier introduction to the subject. Ocean Engineering, for example, has added a survey course, 13.73, and Architecture is planning to introduce courses next year which will, according to Groisser, "cover the issues of the department in a format appropriate for people looking to see what's going on."

This March, for the first time, the Freshman Advisory Council held an Academic Midway devoted to course selection. The turnout was sparse, and several faculty members involved were disappointed with it. "We didn't see anyone there who wasn't already interested," said Keatinge Keys, administrative officer of the Department of Ocean Engineering. "I feel the effort that went into it was not worth the gain."

Similarly, Shapiro found it was "somewhat disappointing in turnout. I don't think it is a very effective means of communication - it was hard to carry on a serious discussion." But Planning, for example, gets one-half

(Please turn to page 2)



"Accident Routines," sponsored in part by the MIT Dance Workshop, is appearing this week in the building 10 lobby.

"It is about routines that people do every day, and about how people deal with the accidents that enter their lives," says Deborah Fortson, coordinator of the play.

The drama, an offspring from an IAP course in masks and movement, was originated and performed by MIT and Tufts students and members of the Commonplace Theater Company.

According to Fortson, "Accident Routines" is an experiment with masks and an attempt "to see what you can do with theater in a public place." She said that "although it's not really an experienced group," they hope to try something like this again.

Photo by Tom Klimowicz

Departments offer orientation

(Continued from page 1)

fessor Lawrence Susskind, Undergraduate Officer of the Department of Urban Studies and Planning, thought that "for students it is useful, so we do it. As a device for attracting students it's far less helpful."

Gould, on the other hand, felt that the Midway was very useful. "Lots of kids came by and asked us questions." He defended the Midway format, noting that "in a formal thing, there are one or two questions by one or two people. People don't like to go public, yet want to talk to someone. The Midway is private."

Professor Arthur Mattuck of the Mathematics Department, felt that "students don't come with specific questions. They want to learn something about

the department, and open houses are more useful for this." Cooke saw the situation as "the problem of giving too specialized information to the undecided, yet too general information for those who have made up their minds," and considers the Midway and Open House complementary in this respect.

Most departments feel that they have an obligation to provide information to freshmen. "We're there to give information, not to give a snow job," according to Gould, echoing French: "Our job is not to advertise in a hard-nosed way, but to make sure that people know what goes on in a realistic way."

Shapiro thinks that the responsibility is "not so much to

sell the department, but to do the best we can to inform the students," although an administrative officer in another department said, "Until recently we had adopted the viewpoint that we weren't engaged in a high-pressure sell. Increasingly the situation has become a more intense operation to get people's attention." He justified his approach by saying, "Other departments are doing it, and I feel we have to also."

One department head described the situation "more in terms of making the information available" and, similarly another said "I wouldn't call it recruiting, I'd call it an information service." But a third commented that, "you and I know it is crass recruiting."

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Sheridan using group feedback

(Continued from page 1)

Michel Guite, a research assistant in the Department of Political Science working on the project agreed. "Overt response increases commitment. You don't have to raise your hand in front of everyone." Guite explained that one result of the use of the "voting machine" is to increase general participation, and to lessen the influence of the few vocal members of a group.

Through the MIT Community Dialogue Project, Sheridan has been attending educational and community meetings in the area, "not to use the members as guinea pigs, but more with the attitude of 'can we help?'" Most of the response has been favorable; however, several problems have arisen.

One concern expressed by some participants is the possibility of manipulation of the group by the moderator. Sheridan feels that "it is a problem," but that the real effect of the feedback unit is the opposite; to allow people to object and change questions in the course of the meeting. This continual feedback and participation actually makes the meeting agenda directed "less by one man's opinion" than by the consensus of the whole group.

Guite added that "it takes little training to run the voting boxes," and that the moderator would find it very difficult to manipulate the flow of the meeting. "If he came in with loaded questions in advance, I guess it would be possible," but Guite sees a lesser chance that the participant would allow this domination with the voting devices.

Another possible problem is the "big brother" image many people have of technological equipment used to monitor their opinions. Guite feels that "the idea is just the opposite." He stated that the government is not responsive to interest groups unless they are organized, and consequently most citizens' groups have been ignored. The voting machine concept can be used to organize community groups "toward some kind of consensus," and to attract the attention of government.

One main goal of Sheridan's research is to "work up to cable." In the future, Sheridan

sees every home wired for two-way cable, for use in social services, such as transportation (dial-a-bus), medical and legal help, and shopping. "I am not proposing that hard decisions be made by instantaneous voting. Such a use would be very dangerous and careless." However, Sheridan agreed that two-way cable has some valid uses.

Sheridan's work is now focusing toward multi-media presentations, including 4 slide shows which have already been prepared; one each on sexism, nutrition, racism, and patriotism. Sheridan stated that he can see many educational uses for these presentations, besides the "per-

functory classroom stuff." "Perhaps the most successful use of audio packages so far has been in language labs," Sheridan continued.

Guite also sees a political future for the system. Asking, "How do you get people to believe that they have an interest in government interests?" He expressed hope that citizen feedback can be used to help stimulate "more effective issue definition in the government."

One useful aspect of Sheridan's current research is in anticipation of two-way cable. "We are uncovering some of the dangers now, before it is too late."



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From John W. Ecklin

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Since 90% of the world's scientists are alive today & possibly 99% have been around since Gilbert's days, I must thank him for turning them all off to Permanent Magnet prime movers (PMPs) giving me a chance to apply for a patent.

Gilbert said Baptista Porta's idea of suspending iron by a thread using a loadstone was hardly a very brilliant idea but one wonders what would have happened if he had used a spring instead of a string & placed iron between 2 loadstones. (2nd book, chapter 24). In chapter 16 he realized the effects of iron used as a shield and also mentioned a loadstone's energy which may be a 1st in the history of the concepts of energy.

If there had been a better understanding of energy in Gilbert's days would he have said in chapter 35 concerning a perpetual motion loadstone engine "May the gods damn all such sham, pilfered, distorted works, which do but muddle the minds of students!"

His chapter 35 don't mean a thing if it "has" got a spring even though without a spring it is correct but very misleading. "For no magnetic attraction can be greater (whatever

art, whatever form of instrument you employ) than the force of retention; & objects that are conjoined, & that are near, are held with a greater force than objects solicited & set in motion are made to move; & as we have already shown, this motion is a coition of both, not an attraction of one." (What a description of energy!) (Since the forces on the shields of a PMP are conservative the fact the shields are closer to the magnets than the common reciprocated temporary magnet makes no difference especially when the temporary magnet also compresses springs while being attracted.) For further details see page E1889 of the March 28, 1974 Congressional Record.

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Anyone who gets the above published nationally or who has Representative T. P. O'Neill enter it in the Congressional Record will be paid \$20 for their efforts.

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In Case of Insomnia— Whither the drop date?

By Storm Kauffman

The Committee on Academic Performance (CAP) has been toying with the possibility of changing the basic registration procedure for classes.

Nasty rumors have circulated about moving the drop date up to five weeks into the term or, at the other extreme, eliminating the drop date entirely.

As a student, I've never had cause to drop a class near the end of the term, but the thought of being locked into a course after as little as five weeks is not terribly appealing. For one thing, many classes have not had their first quiz (or returned the marked papers) by that time. If an instructor is going to use a quiz to judge a student's performance in a class, the student should also have his first mark as a basis for deciding whether or not to continue.

Additionally, I'm not sure that the Registrar could get those status reports out in time for a student to know where he or she stands. Registrar Warren Wells wouldn't let himself be pinned down on this beyond stating that the status reports "would have to be part of the consideration" of changing the drop date. He had no opinion on the idea itself, other than it has "its pluses and minuses."

While the students shudder at the thought of not being able to drop a course until only two weeks are left in the term, the instructors understandably feel different. Those in charge of courses must go through most of the term without knowing for certain just who is going to stay around.

Professor of Physics Walter Lewin has "strong feelings" about the late drop date — probably because of his "European background," he speculated. Overall, he feels that MIT students have it too easy, they are "spoon-fed the material," and that the Institute is "too lenient." "A month should be plenty for a student to decide," and it isn't good if too many take "the chicken way out" of dropping a class with only a couple of weeks left. He also points out that when all those doing poorly drop the courses, it perpetuates misleadingly high academic averages. In conclusion, he would definitely want the drop date retained, and would like to see it moved up to as little as a month into the term.

Assistant Professor of Mechanical Engineering Steve Loutrel is not nearly so vehement. He thinks that moving the date up "would be a good idea. It would play against those students who take big loads and then drop everything they are doing poorly in." However, he would not be particularly upset if the status quo was retained.

Assistant Professor of Physics Wit Busza definitely would not eliminate the drop date. "From the point of view of running a course, the late drop date is a terrible nuisance." Not knowing who will remain in the class is a chaotic situation, and he suggested a drop date at mid term. He, too, did not feel strongly about having the date moved up.

It would seem that the faculty (in this admittedly small sample) would like to see the drop date advanced. The faculty have a case, and there should be no doubt that the date should not be eliminated or pushed back. While advancing the date might make administration of courses significantly easier and require the students to take a harder look at their course loads, it would be a great injustice and hardship to students.

The best and easiest idea is leaving the drop date where it is; certainly it should not be advanced any more than two weeks.

Commentary:

The UA Election: the other side

By Stephen Shagoury
and Michael Matzka

Now that the Undergraduate Association Election is over and the necessity for strict impartiality and caution is lifting, we feel the necessity to respond to the questions that various parts of the MIT community have given the Elections Committee for our action during the past weeks.

The first set deals with material that has appeared in the campus newspaper. *The Tech* has managed to publish a number of articles and columns most of which were unduly inflammatory and contained factual inaccuracies that we now wish to respond to. The first is Mike McNamee's "number of undergrads" as listed in his article of April 9, 1974. The number of registered undergraduates varies enormously over short periods of time and the figures that we used were obtained at a different time than his. Given that an initial judgment had been made on the basis of an estimated 4000 undergraduates it was impossible to make any decision until our "actual" figures had arrived. Due to an oversight on the part of the Registrar we did not obtain these figures until Friday April 5, five days before the election; hence any comments about the approval of the petitions could not be made before then. Furthermore, the lists we received proved to be somewhat inaccurate, missing such relevant names as that of candidate Bob Zimmerman for whom the accuracy of the lists was then doubly important. The important problems were checked with the Registrar on Monday, April 8, and the petitions were then approved. We also wish to correct a mistake that McNamee made in the previous issue: 45%, not 20% of the undergraduates voted in last year's race. Furthermore, McNamee stated in an

article on the 12th that no formal Elections Committee existed. Untrue, since a formal elections committee did exist; it was composed of Stephen Shagoury '76; Michael Matzka '76; and Lee Allen '76 (UAVP).

Also, contrary to Storm Kauffman's column of April 12, the decision to invalidate the election was made as soon as the stuffed ballots were found; however, it was also decided that since the people involved in the election were indeed students and not professional politicians that, in the interest of their studies, if a satisfactory solution could be arrived at which would not require more weeks of preparation and a new election this would be preferable. The candidates were consulted and informed of the situation, and after discussion they agreed with our conclusion and a decision was made that the results should be tabulated with the suspect ballots removed. The thing that we had not counted on was the fact that the final results proved to be too close for us to trust our judgment as to the number of stuffed ballots found being sufficiently accurate as to not have a possible effect on the results. Therefore all considerations of convenience had to be put aside in the interest of a just result. The point being that had the margin been wide enough we would have felt that although technically the results should have been invalid the actual result would have been the same and easy to judge. So much for "would be nice." Our last criticism deals with *The Tech's* coverage in general which tended to concentrate on the inflammatory and on the ability to create "news" by making sufficient noise. To this extent we wish to congratulate such great writers as Curtis Reeves on his verbose 20-20 hindsight and inept character assassinations. It is

hard to say that the various media do not have the right to report events as they see it, but we do see a need for such media to act in a responsible, professional manner and to make sure that their information is accurate before publication.

The second group that we feel obliged to respond to is the student body, especially the valiant 710 who have seen this election through to the conclusion. We do not deny that the student body has the right to be upset at somebody about the problems with this year's election, however, we deny that this anger should be directed at us. If our security during the first election had been tighter we would be hearing complaints of "unnecessary hassles"; if during the second election it had been looser we would have run the risk of recurrent problems. We feel that we have done the best job that could be done and accuse the student body of being the source of the problem. What sort of a community do we have when we can have so much apathy that less than one third of the student body cares enough to vote, yet somebody cares enough to stuff a ballot box. We cannot possibly be prepared to deal with these extremes in a manner reasonable to all. We wish to thank the people that bothered to vote for giving us purpose and tolerating what we felt was necessary. Any problems that you encountered in the final election we see as minimal compared to the increased effort that is demanded of us.

Stephen Shagoury is the UA Secretary General and was in charge of organizing the election. Michael Matzka was a member of the election committee.

Letters to The Tech

Life insurance

To the Editor:

It has come to my attention that life insurance is being sold around the Institute under a plan that involves a loan to pay the first annual premium. Several states have restricted this selling approach, but it is legal in Massachusetts.

I am firmly pro-life insurance for most young people who have family responsibilities and I can see some strong reasons for others to purchase it while still students. However, there are much less expensive ways of accomplishing this objective than through a loan for the premium. For example, most companies will issue preliminary term insurance (for six months or so) to let you get into a job and become established before the big annual premiums start to be payable.

Furthermore, I believe that life insurance should be looked at as protection mostly. Policies which include a large savings element usually are a pretty poor investment.

In my judgment, Massachusetts Savings Bank Life Insurance is a "best buy," and it can be written with preliminary term coverage. It is available only to students and residents of Massachusetts.

Above all, I suggest that you refuse to sign anything when you first meet with an agent; how can you really concentrate on reading the fine print in what you are signing with a continuously talking agent at your elbow? Also, something you were told is "preliminary" can turn out to be legally binding. This state's Consumer Protection Laws likely do not protect you if you are talked to in your place of

business, i.e., probably your MIT office, and anyway you only have three business days to get a disclaimer into the system by certified mail.

I am on leave from the Institute, but I'm in Cambridge. If you have any questions about this business, I would be glad to have you call me at 876-3656. I am not connected with the life insurance industry in any way, but I know a lot about it. I've taught shipping economics at MIT for quite a while. Most upper class members of the crew squad know me.

S. Curtis Powell
Prof. of Marine Engineering (Absent)

No signature

To the Editor:

A letter from a number of SCC members was printed in the April 23 issue of *The Tech*. An erroneous spelling of my name was among the list of signatures to the letter.

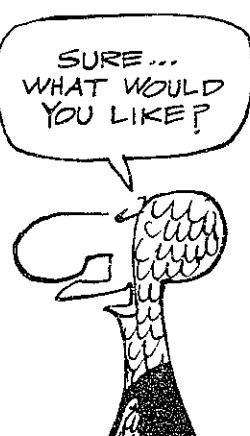
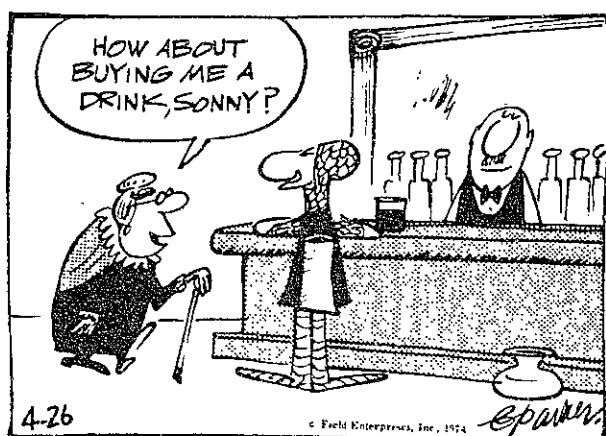
In fact, I did not sign the letter. I did read it, and remarks I made at that time were interpreted (incorrectly) as indicating my signature was to be added, however when I returned the letter to its sponsor my signature was not on it.

This is not to say I agree or disagree with the contents of the letter. I do not choose to reveal my feelings at this time.

Bob Hendrickson

Due to the rather large influx of letters that *The Tech* has received recently, it is necessary to require that all letters submitted must be typed double-spaced. Also, we intend to run all (typed) letters if at all possible, but the timing is limited by the space available for edit copy.

THE WIZARD OF ID



by Brant parker and Johnny hart

Continuous News Service

The Tech

Since 1881

Vol. XCIII, No. 20

April 26, 1974

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Police Blotter

Police Blotter is a compilation prepared by Campus Patrol to report crimes occurring in the MIT community.

4/16/74

The harbinger of spring for the Campus Patrol does not come to notice by flowers and budding trees, but by the increase of larcenies and attempted larcenies of bicycles. Students are urged to make use of the new controlled Bicycle Compound at Building 13.

4/18/74

Report of several larcenies from DuPont Gym — lockers left unlocked. When using the gym make use of *locked* lockers for valuables.

4/19/74

The Campus Patrol received a report on the larceny of a 12' Sea Swing Sailboat valued at \$150.00 from the Hayward Garage. The owner placed the sailboat in the garage on the previous day and upon returning to take possession of the property discovered the boat missing.

4/20/74

A 1969 Mustang was reported stolen from in front of 50 Memorial Drive. This is the 67th vehicle reported stolen on or in the immediate vicinity of the campus this year.

4/21/74

A "Steyr" 3 speed black bicycle was reported stolen from the Hayden Dorm. This bicycle was valued at \$50.00 — basket on front.

4/22/74

The Campus Patrol are investigating the larceny of a mounted moose head from a fraternity of Bay State Road. The moose head was last seen by the members of the fraternity at 9:00pm this date.

4/22/74

Report was received of a breaking and entering at the Graphic Arts Building at 211 Mass. Avenue. Entrance was gained by breaking a window in the front door. The larceny consisted of a few dollars taken from the candy machine in the basement.

4/22/74

Complaint was received of the larceny of \$180.00 from open lockers at the Alumni Swimming Pool on this date.

4/23/74

An occupant of Hayden reported the larceny of a Norelco cassette tape recorder valued at \$35.00 from his room. The occupant reported that he left the door wide open and when he returned he discovered the loss of the property.

4/23/74

A Peugeot 10 Speed bicycle, white aluminum fenders, front and back lights, valued at \$290.00 was taken from under Building 39 where it was chained and locked.

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Additional listings on page 2

The Technology and Culture Seminar

Tuesday, April 30

Lecture Hall 9-150

4:00 p.m.

Professor Pierre R. Aigrain

Henry R. Luce Professor of Environmental and Public Policy for 1973-73 MIT;
Science Advisor for the French Government;
Professor, University of Paris.

Technological Fixes Versus Real Solutions: A Sociological Analysis

Respondents: Harvey P. Sapolsky Political Science

Elias P. Gyftopoulos Nuclear Engineering

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Wednesday 3-5 pm
Thursday 3-4 pm
Friday 2-4 pm

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Inquiries concerning subscriptions or guidelines for contributors are welcomed at this time.

Additional hours will be announced in *Tech Talk*.

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Congressional Record

PROCEEDINGS AND DEBATES OF THE 93rd CONGRESS, SECOND SESSION

WASHINGTON

Senatorial Resolution Proclaiming April 30, 1974 A National Day Of Humiliation, Fasting, & Prayer

Whereas, it is the duty of nations, as well as of men to owe their dependence upon the overruling power of God, to confess their sins and transgressions, in humble sorrow, yet with assured hope that genuine repentance will lead to mercy and pardon, and to recognize the sublime truth, announced in the Holy Scriptures and proven by all history, that those nations are blessed whose God is Lord; and

Whereas, we know that we have been the recipients of the choicest bounties of Heaven; we have been preserved these many years in peace and prosperity; we have grown in numbers, wealth and power as no other nation has ever grown; but we have forgotten God; and

Whereas, we have forgotten the gracious hand which preserved us in peace, and multiplied and enriched us; and we have vainly imagined, in the deceitfulness of our hearts, that all these blessings were produced by some superior wisdom and virtue of our own; and

Whereas, intoxicated with unbroken success, we have become too self-sufficient to feel the necessity of redeeming and preserving grace, too proud to pray to the God that made us; and

Whereas, we have made such an idol out of our pursuit of "national security" that we have forgotten that only God can be the ultimate guardian of our true livelihood and safety; and

Whereas, we have failed to respond, personally and collectively, with sacrifice and uncompromised commitment to the unmet needs of our fellow man, both at home and abroad; as a people, we have become so absorbed with the selfish pursuits of pleasure and profit that we have blinded ourselves to God's standard of justice and righteousness for this society; and

Whereas, it therefore behooves us to humble ourselves before Almighty God, to confess our national sins, and to pray for clemency and forgiveness: Now, therefore be it

Resolved by the Senate and House of Representatives of the United States of America in Congress Assembled, that the Congress hereby proclaims that April 30, 1974 be a National Day of Humiliation, Fasting and Prayer; and calls upon the people of our nation to humble ourselves as we see fit, before our Creator to acknowledge our final dependence upon Him and to repent of our national sins.

Remember to Pray April 30, 1974

Community Meeting

Tuesday, April 30, 12 Noon, MIT Chapel

Christians: "God's Purposes for His People"

Speaker — Dr. Richard Lovelace, Professor at
Gordon Conwell Theological Seminary

April 30, 8:00 PM, MIT, Room 37-252

Sports

Softball results

This year's IM softball season goes into its final two weeks of play with 84 teams battling for A, B, and C-league championships.

The A-league regular season will end this weekend, with play-offs beginning the following Saturday. Eight teams will participate in them, with the first two finishers in each league and the two third place finishers with the best records comprising the field. This weekend's play will involve two A-league games between undefeated teams (E.E. vs. LCA and PLP Outhousers vs. TC "A") as well as a number of other games for playoff berths.

Manager Koichi Kodama '75 is quite pleased with the way the season has gone, having had no rainouts this year despite a generally wet spring. If the good weather continues, he will try to schedule a fifth game for those B and C-league teams that had been slated to play only four contests this year. The standings after three weeks:

A1 League	W	L
Elect. Eng	4	0
LCA 'A'	4	0
Sloan 2nd	1	2
Baker Trojans	1	3
Phi Delta Theta	1	3
Ashdown	0	3
A2 League	W	L
Baker 'A'	3	1
Chemistry	3	1
Economics	3	1
MacGregor I	2	2
Sloan 1st	1	4
Fiji	0	4
A3 League	W	L
PLP Outhousers	4	0
Theta Chi 'A'	4	0
Delta Upsilon 'A'	2	2
Geochemical Eng	2	2
Bexley	0	4
BSU 'A'	0	4
B1 League	W	L
Math	3	0
AEPi	2	1
DTD 'B'	2	1
LCA 'B'	1	2
Burton 1	0	2
Nut. & Food Science	0	2
B2 League	W	L
Delta Psi	3	0
Fenway	2	0
Plumbers	1	1
Westgate	1	1
Baker Randoms	0	2
Burton Third	0	3
B3 League	W	L
SPE	3	0
Burton 5 Smokers 'B'	2	1
PIKA	1	1
Godzilla's Gorillas	1	2
Manny's Marvels	1	2
Hillel	0	2
B4 League	W	L
TDC 'B'	2	0
Chi Phi	2	1
DU 'B'	1	1
Pi Lambda Phi	1	1
Jack Florey	1	2
Sigma Chi 'A'	0	2
C1 League	W	L
Burton 2nd	3	0
E.O. IE	2	1

MacGreg H Turkeys	2	1
Conner 5	1	2
Chinese Stnd. Club	1	2
DTD 'C'	0	3
C2 League	W	L
Hydros	3	0
E.C. 4E	2	1
MacGreg D	2	1
MacGreg B	1	2
NRSA	1	2
E.C. 4W	0	3
C3 League	W	L
ATO	2	0
ZBT	2	0
Baker C1	1	1
PKS	1	1
Biters	0	2
MacGregor J	0	2
C4 League	W	L
Real Conner 3 & 2	3	0
Senior House	3	0
Conner 3 'B'	2	1
MacGreg C	1	2
E.C. 3E	0	3
E.C.3W	0	3
C5 League	W	L
E.C. 2E	3	0
E.C. 5W	3	0
MIT Stud. House	2	1
PBE	1	2
Baker Cubscouts	0	3
E.C. 2W	0	3
C6 League	W	L
Chem. Eng.	2	0
Kappa Sigma	2	0
PSK	1	1
TDC 'B'	1	1
Baker C2	0	2
Burton 5 Smokers 'C'	0	2
C7 League	W	L
PKT	2	0
PMD	2	0
McCormick Hall	1	1
TXi	1	1
AWS	0	2
DKE	0	2

Tennis evens local mark

By Ken Davis

MIT's tennis team evened up its New England record in action over the past two weeks, by winning three matches in a row over Colby, Wesleyan, and UMass before dropping two to Williams and Brown.

One strategy change that has payed off has been the breakup of the first doubles team of William Young '74 and Lee Simpson '75. This move was made after the match with UConn early in the season, when it was felt that making the move

would have resulted in a 5-4 win rather than a 5-4 loss. Young and Simpson did play to a 6-4, 6-4 victory over Williams, but it was Young and Gerard Lum '74 who combined for a 6-3, 6-4 win against Brown.

Young also won singles matches against both Brown and Williams, by scores of 6-4, 7-6 and 7-5, 6-4. The Brown triumph was against Brown's number two man; number one was out with a wrist injury. MIT was hurt in the Brown match by the loss to illness of both Simpson and Wall Shjeflo '74. Bob Goldman '76 filled in, playing his first varsity match.

Ted Zouros '74 played particularly well over the span, culminating in a 6-1, 6-2 win over Williams. Zouros' fine play moved him up to the number three spot on the squad.

With five matches remaining, against Dartmouth, Trinity, Brandeis, Yale, and Amherst, MIT's record stands at 4-4 locally and 4-8 overall. After the conclusion of the regular season it's on to the New England championships at Dartmouth where Young and Simpson will defend their titles won last season.

Tech lights dumped by Crimson crews

MIT's varsity lightweight crew, ranked second in the East in a pre-season poll, did not live up to expectations in last Saturday's Biglin Bowl, dropping the important race to Harvard's classy eight.

It was, on the whole, a very disappointing day for MIT's lightweights as Harvard also defeated the JV's and the first freshmen.

Competing against both Harvard and Dartmouth, the varsity found itself behind the Crimson by three seats after the first 20 strokes. The Engineers, trailing by nearly a boat's length at the halfway point of the 2000-meter race, tried to up the stroke but were unable to gain on the Harvard shell.

vard went into a power drive, edging farther ahead of the disheartened MIT lights and stretching the winning margin to six seconds. Dartmouth, not considered to be particularly strong, finished third although challenging MIT during the third 500 meters.

The MIT JV's also lost by the same margin, picking up on a large Harvard lead over the last half of the race but still finishing nearly two lengths behind.

MIT's first freshman crew gave Harvard its closest race of the day, being edged out only in the final strokes. Down by a length at 1000 meters, the Engineer frosh closed the gap to four seats at 1500 meters and tied the Crimson within 20 strokes of the finish, but could not quite notch the win.

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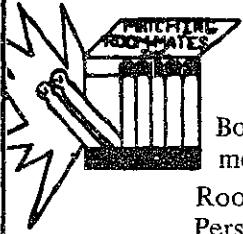
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Sports

Second straight win for women's crew

Spurred by last week's decisive victory over WPI, the women's varsity crew scored another win last Saturday, this time over Phillips Academy from Andover and Williams College.

Williams and MIT had met last fall in a skirmish on Lake Odaga, where MIT soundly beat Williams in timed pieces; on the Charles, however, it was a different story. Williams was improving and growing stronger with each week, whereas Phillips, an unknown entity, looked young but impressive in the warmup.

Although Williams' stroke rate was held down to a 29 over the body of the 1000 meters, MIT, at 36, refused to die as the opposition had expected. Instead, after a gain of one seat at the start, MIT continued to overpower Williams, gaining a four-seat advantage at the halfway mark.

In the last five hundred meters, where races are won or lost, MIT started to fade as Williams began to sprint, at which point

the race became a duel between the two boats. With only one seat between them, MIT took the stroke up two beats and poured on the energy to win, 3:37.6 to Williams' 3:38.9 and Phillips' 3:47.5.

In the second varsity pairs race, originally claimed to be a dead heat, Williams slipped by at the finish to win by one second over MIT: Williams 4:35; MIT 4:36; and MIT 4:52. Even though the women had never raced before in pairs, the finish was better than expected. Boatings for the two MIT pairs were as follows: second place boat — bow, Dallas Abbott '74 and stroke, Roseanna Means '76; third place boat — bow, Joan Pendleton '76 and stroke, Sue Thomas '76.

This Saturday's regatta on the Charles promises to be a hotly contested race among MIT, Radcliffe, BU, and Wellesley. Radcliffe's best time thus far, 3:28.9 will most likely be the time to beat.



Pictured above is MIT's women's varsity eight which outrowed both Williams and Phillips Academy last Saturday. From the left they are Chris Santos '76 (coxswain), Ingrid Klass '76 (stroke), Chris Tracey '76, Christine Plapp '75, Susan Ashworth '75, Katrina Wootton '77, Julia Malakie '77, Janey Huber '75, and Diane McKnight '76 (bow). They compete this Saturday on the Charles against Radcliffe, BU, and Wellesley.

Photo by Dave Green

Heavyweights defeat NU

By David I. Katz

The MIT Heavyweight crew outrowed their Northeastern counterparts last Saturday on the Charles, winning the first freshman, jayvee, and varsity events.

In the feature race of the day, MIT's varsity heavies, putting on an excellent show of power and poise, defeated the Huskies by over five seconds on a choppy

Charles River.

Northeastern came prepared for the adverse conditions, coming to the line in their "heavy weather" shell while the Engineers approached the start in a normal boat.

Coming off the line, there was rough water by both crews. In spite of this, MIT pulled out to a quick lead of 5 seats after twenty strokes. By 500 meters, this lead was just short of a full length.

Through the next 500 meters, the Tech crew slowly pulled away from the Huskies. They had five feet of open water going into the second half of the race.

Calling a power 20 at this point, the Engineers now showed Northeastern their power. Picking up half a length in that twenty, the MIT varsity kept moving and had over a two-length lead with 500 meters to go. Coxswain Mike Newman, '76 then turned around to watch for the vaunted Northeastern finish. There was nothing to worry about as the Engineers had more than enough to put away the Huskies in a time of 6:01.6 to their time of 6:07.1.

MIT's first frosh hung on to an early lead to defeat Northeastern, despite the fact that one oarsman lost his seat late in the race.

Coming off the line at a cadence of 41 strokes per minute, the Engineer crew quickly pulled out to a half length lead. Settling once to 38 and again to 33, that half length was stretched to a length and a half at the thousand meter mark.

In the third 500, both crews were beginning to show signs of

being tired as some of the blade-work became a bit sloppily. In spite of this, the Engineers were able to add another quarter-length to their lead.

Moving past the boathouse and into the last 500 meters of the race, disaster nearly struck the MIT frosh. Stu Stevens, the fourman, jumped his seat. For ten strokes he was not rowing as he tried to put his seat back on the tracks, the Huskies closing to within a length. With Stevens back on his seat and rowing, the Tech frosh swiftly pulled to a lead of a length and a quarter going over the finish line in 6:12.8 as NU finished in 6:15.5.

The junior varsity race was more of the same as the MIT JV got off to a ¾-length lead at the start and soon opened it to a length at 500 meters. This Husky crew was not as quick to die as they came back to close the margin at 1000 meters to ¾ of a length. At this point, Northeastern began its traditional move. Their strategy is to use their superior strength to drive them into the lead as the other crew starts to die. This time, however, the Engineers had too much desire to let Northeastern go by.

In other races, the second frosh and third varsity lost to much stronger Husky crews.

This Saturday the MIT Heavyweights, third-ranked in the latest coaches' poll behind Harvard and Wisconsin, will travel to Princeton to race the Tigers and the Crimson for the Compton Cup, in what promises to be one of the toughest races for MIT this year.



Dallas Abbott '74 (left) and Roseanna Means '75 (right) were barely edged by a Williams pair on Saturday. Racing for the first time ever for MIT in a pair, the two performed well, losing by only one second.

Photo by Dave Green

Sailors win in Dartmouth Bowl

On Saturday MIT's men's varsity sailing team placed first in the Dartmouth Bowl Regatta and by so doing qualified for the New England Dinghy Championships to be held next weekend on Boston Harbor. The Dartmouth Bowl, one of three elimination heats for the New England, was sailed at the Coast Guard Academy in light, variable winds.

MIT's All-American Steve Cucchiaro '74, sailing in A-Division with crew Larry Dubois '76, made an impressive showing as he won five of the six races sailed in his Division, convincingly winning low-point honors for the event.

Chuck Tucker '75 and Paul Erb '76 combined to place second in B-Division, sailing with crew Dave Jessich '75. The University of Rhode Island and Yale were the other two teams to qualify from the heat.

The final results of the regatta were: MIT 23, Rhode Island 30, Yale 43, Boston College 51, Dartmouth 52, and Northeastern 59.

Also on Saturday, another MIT contingent placed third of eleven schools in a dinghy invitational at Tufts. Bill Critch '77 and Steve Ryan '77 co-skipped in A-Division, while Walter Frank '74 sailed in B, with Guy Consolmagno '74 crewing.

The results of the event were:

Tufts 10, Rhode Island 13, MIT 20, Coast Guard 20, Southeastern Massachusetts University 36, Brown 38, Windham 46, Vermont 47, Connecticut College 47, Boston State 48, and Boston College 69.

On Sunday members of the men's varsity squad competed in the elimination heats for the New England Singlehanded Championships. Heats were held at MIT, Harvard, and Coast Guard, and all three were plagued by heavy winds. None of the Tech sailors placed in the top two to qualify, although Critch and Randy Young '74 narrowly missed, both placing third. Also sailing for MIT were Cucchiaro, Kevin Sullivan '74, Tucker, Erb, George Todd '76, and Ryan.

Barbara Belt '77, with Debbie Samkoff '77 crewing, skipped the women's varsity squad to a second place finish in an invitational on Saturday at Stonehill. Results of the event were: Radcliffe 3, MIT 6, and Stonehill 9.

On Sunday, the women's team placed third of six teams in the President's Trophy Regatta at Boston University. Team captain Shelley Bernstein '74 sailed in A-Division with Barbara Belt crewing, while Mary Anne Bradford '74 and Ellen Schmidt '77 co-skipped in B.

The final results were: Boston University 28, Radcliffe 37, MIT

39, Jackson 41, Wellesley 44, and Simmons 68.

This weekend the major events will be the Friis Trophy Regatta at Tufts for the men's squad and the women's New England Championships, the Gerry Reed Invitational, at MIT.

Track team loses dual meet

By Dave Dobos

Bowdoin College, winning 12 of 18 events, handed MIT's track team its third straight defeat Saturday, 92-62.

Overall, however, it was the Tech thinclads' best meet of the year as almost every athlete posted his finest performance of the season.

The emerging distance duo of Jeff Baerman '76 and freshman sensation Frank Richardson combined for 16 points. Baerman won the mile in an excellent time of 4:22.6 and placed second in the 880 with a 1:59.0. Richardson closely followed Baerman in the mile with a 4:23.9 for second and simply outclassed all competition in the two-mile, winning by over 100 yards in 9:29.3.

Outstanding performer of the day was co-captain Gary Wilkes '75 with 11 points (1st-100, 1st-220, 3rd-long jump). Paul Kuzmenko '77 put forth his best

effort of the year, scoring 8 points (1st-triple jump, 2nd-long jump), and Greg Hunter '76 added 6 more (1st-javelin, 3rd-shot put).

Tomorrow, afternoon the cindermen travel to Worcester to take on WPI.

SUMMARY OF EVENTS

Hammer Throw: 1-Waithe (Bow); 2-Pearson (MIT); 3-Carlson (Bow); 179'7".
Discus: 1-Leavitt (Bow); 2-Grasso (MIT); 3-Pearson (MIT); 143'7".
Shot Put: 1-Leavitt (Bow); 2-Waithe (Bow); 3-Hunter (MIT); 49'11".
Javelin: 1-Hunter (MIT); 2-Chesterton (Bow); 3-Totman (Bow); 177'.
Long Jump: 1-Soule (Bow); 2-Kuzmenko (MIT); 3-Wilkes (MIT); 21'5½".
Triple Jump: 1-Kuzmenko (MIT); 2-Getchell (Bow); 3-Johnson (Bow); 40'3½".
Pole Vault: 1-Littlehale (Bow);

2-Stamp (Bow); 3-Williams (MIT); 13'.
High Jump: 1-Elwell (Bow); 2-Gibbons (MIT); 3-Ryan (MIT); 4'10".
High Hurdles: 1-Getchell (Bow); 2-Okine (MIT); 3-Wesson (MIT); 15.4.
Intermediate Hurdles: 1-Getchell (Bow); 2-Littleton (Bow); 3-Okine (MIT); 55.3.
100: 1-Wilkes (MIT); 2-Ufer (Bow); 3-Soule (Bow); 10.3.
220: 1-Wilkes (MIT); 2-Baughn (Bow); 3-Banks (MIT); 22.8.
440: 1-Dunn (Bow); 2-Chiesa (MIT); 3-Small (Bow); 50.4.
880: 1-Brust (Bow); 2-Baerman (MIT); 3-Carey (Bow); 1:57.9.
Mile: 1-Baerman (MIT); 2-Richardson (MIT); 3-Carey (Bow); 4:22.6.
2-Mile: 1-Richardson (MIT); 2-Wilson (Bow); 3-Benoit (Bow); 9:29.3.
440 Relay: 1-Bowdoin; 43.9.
Mile Relay: 1-Bowdoin; 3:23.6.
* indicates meet record.